

FIG. 1

RIGHT LITERARY WORK	REPRODUCTION RIGHT	PERFORMANCE RIGHT	PUBLIC BROADCAST RIGHT	EXHIBITION RIGHT	DISTRIBUTION RIGHT	RENTAL RIGHT	TRANSLATION/ ADAPTATION RIGHT
MUSIC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>
ART	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
FILM	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		<input type="radio"/>
PHOTOGRAPH	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
PROGRAM	<input type="radio"/>		<input type="radio"/>			<input type="radio"/>	<input type="radio"/>
:							

FIG. 2

WORK TYPE TABLE 11

ITEM NO	DATA NAME	ATTRIBUTE	LENGTH	EXAMPLE
1	WORK TYPE CODE	Num	2	01
2	WORK TYPE NAME	Cha	10	PAINTING
3	RIGHT FLAG TABLE			
	RIGHT CODE 1	Num	1	1
	RIGHT CODE 2	Num	1	0
	RIGHT CODE 3	Num	1	1
	RIGHT CODE 4	Num	1	1
	RIGHT CODE 5	Num	1	0
	RIGHT CODE 6	Num	1	1
	RIGHT CODE 7	Num	1	1
	RIGHT CODE 8	Num	1	0
	RIGHT CODE 9	Num	1	0
	RIGHT CODE 10	Num	1	0

FIG. 3

RIGHT TABLE 12

ITEM NO.	DATA NAME	ATTRIBUTE	LENGTH	EXAMPLE
1	RIGHT CODE	Num	2	01. REPRODUCTION RIGHT 02. PERORMANCE RIGHT 03. PUBLIC BROADCAST RIGHT 04. EXHIBITION RIGHT 05. DISTRIBUTION RIGHT 06. RENTAL RIGHT 07. TRANSLATION/ ADAPTATION RIGHT
2	RIGHT NAME	Cha	20	

FIG. 4

AUTHOR MASTER 13

ITEM NO.	DATA NAME	ATTRIBUTE	LENGTH	EXAMPLE
1	AUTHOR CODE	Num	5	00001
2	NAME	Cha	20	YUJI DESIGNER
3	ZIP CODE	Num	7	030XXXX
4	ADDRESS	Cha	60	B111-1, A TOWN, AOMORI CITY, AOMORI PREFECTURE
5	PHONE NO.	Num	15	017-7XX-YYYY
6	e-mail ADDRESS	Cha	30	f_taro@yy.zzzz
7	SEX	Num	1	1
8	AGE	Num	3	30
9	OCCUPATION	Cha	20	SE
10	BANK CODE	Num	4	0001
11	BRANCH CODE	Num	3	001
12	ACCOUNT NO.	Num	7	9999999
13	PROFILE	Cha	200

FIG. 5

WORK MASTER 14

ITEM NO	DATA NAME	ATTRIBUTE	LENGTH	EXAMPLE
1	WORK TYPE CODE	Num	2	01
2	WORK CODE	Num	8	00000001
3	FILE NAME	Cha	8	clip0001
4	AUTHOR NAME	Cha	30	CLIP ART
5	AUTHOR CODE	Cha	4	00001
6	WORK REGISTRATION DATE	Date	8	20000720
7	WORK INTRODUCTION INFORMATION	Cha	100
8	TRADE SETTING TABLE			
	RIGHT CODE COLUMN 1	Num	1	1
	SET VOLUME 1	Num	4	10
	STOCK VOLUME 1	Num	4	2
	AMOUNT 1	Num	7	1000
	RIGHT CODE COLUMN 2	Num	1	3
	SET VOLUME 2	Num	4	5
	STOCK VOLUME 2	Num	4	3
	AMOUNT 2	Num	7	3000
	RIGHT CODE COLUMN 3	Num	1	4
	SET VOLUME 3	Num	4	0
	STOCK VOLUME 3	Num	4	0
	AMOUNT 3	Num	7	0
	RIGHT CODE COLUMN 4	Num	1	6
	SET VOLUME 4	Num	4	0
	STOCK VOLUME 4	Num	4	0
	AMOUNT 4	Num	7	0
	RIGHT CODE COLUMN 5	Num	1	7
	SET VOLUME 5	Num	4	0
	STOCK VOLUME 5	Num	4	0
	AMOUNT 5	Num	7	0
	RIGHT CODE COLUMN 6	Num	1	0
	SET VOLUME 6	Num	4	0
	STOCK VOLUME 6	Num	4	0
	AMOUNT 6	Num	7	0
	RIGHT CODE COLUMN 7	Num	1	0
	SET VOLUME 7	Num	4	0
	STOCK VOLUME 7	Num	4	0
	AMOUNT 7	Num	7	0
	RIGHT CODE COLUMN 8	Num	1	0
	SET VOLUME 8	Num	4	0
	STOCK VOLUME 8	Num	4	0
	AMOUNT 8	Num	7	0
	RIGHT CODE COLUMN 9	Num	1	0
	SET VOLUME 9	Num	4	0
	STOCK VOLUME 9	Num	4	0
	AMOUNT 9	Num	7	0
	RIGHT CODE COLUMN 10	Num	1	0
	SET VOLUME 10	Num	4	0
	STOCK VOLUME 10	Num	4	0
	AMOUNT 10	Num	7	0

FIG. 6

PURCHASE INFORMATION FILE 15

ITEM NO.	DATA NAME	ATTRIBUTE	LENGTH	EXAMPLE
1	WORK CODE	Num	8	00000001
2	RIGHT CODE	Num	2	01
3	NAME	Cha	20	HANAKO AOMORI
4	ZIP CODE	Num	7	030XXXX
5	ADDRESS	Cha	60	AOMORI CITY, AOMORI PREFECTURE
6	PHONE NO.	Num	15	017-7YY-ZZZZ
7	e-mail ADDRESS	Cha	30	a_hanako@xxx.yyyy
8	SEX	Num	1	2
9	AGE	Num	3	20
10	OCCUPATION	Cha	20	STUDENT
11	PAYMENT METHOD	Num	1	3
12	RESERVATION DATE	Date	8	20000820
13	PAYMENT TIME LIMIT	Date	8	20000910
14	PAYMENT DATE	Date	8	00000000
15	PAYMENT AMOUNT	Num	7	0
16	PAYMENT FLAG	Num	1	0

FIG. 7

BANK MASTER 16

ITEM NO.	DATA NAME	ATTRIBUTE	LENGTH	EXAMPLE
1	BANK CODE	Num	4	0001
2	BANK NAME	Cha	20	○△ BANK
3	COORDINATING BRANCH CODE	Num	3	001

FIG. 8

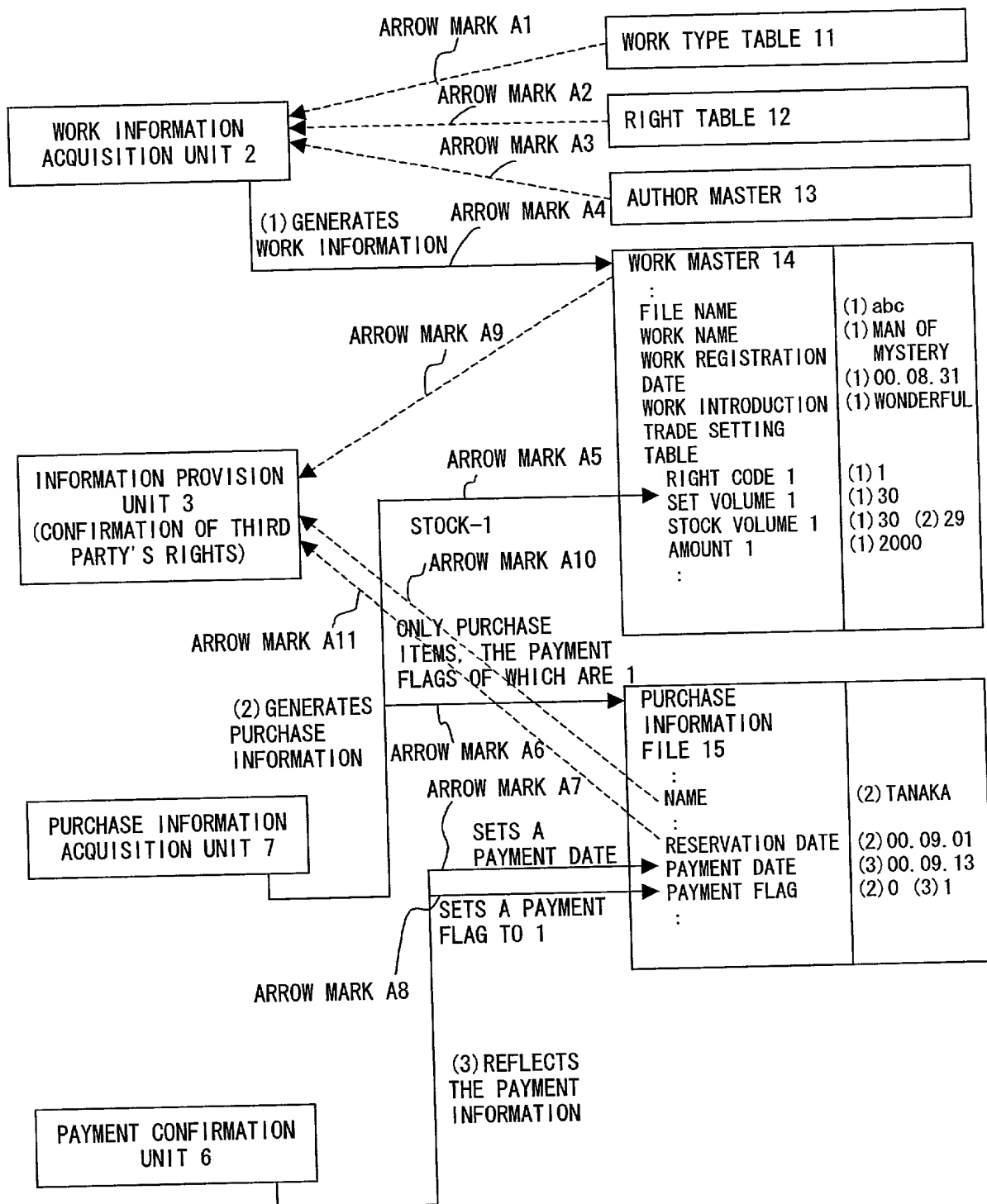


FIG. 10

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

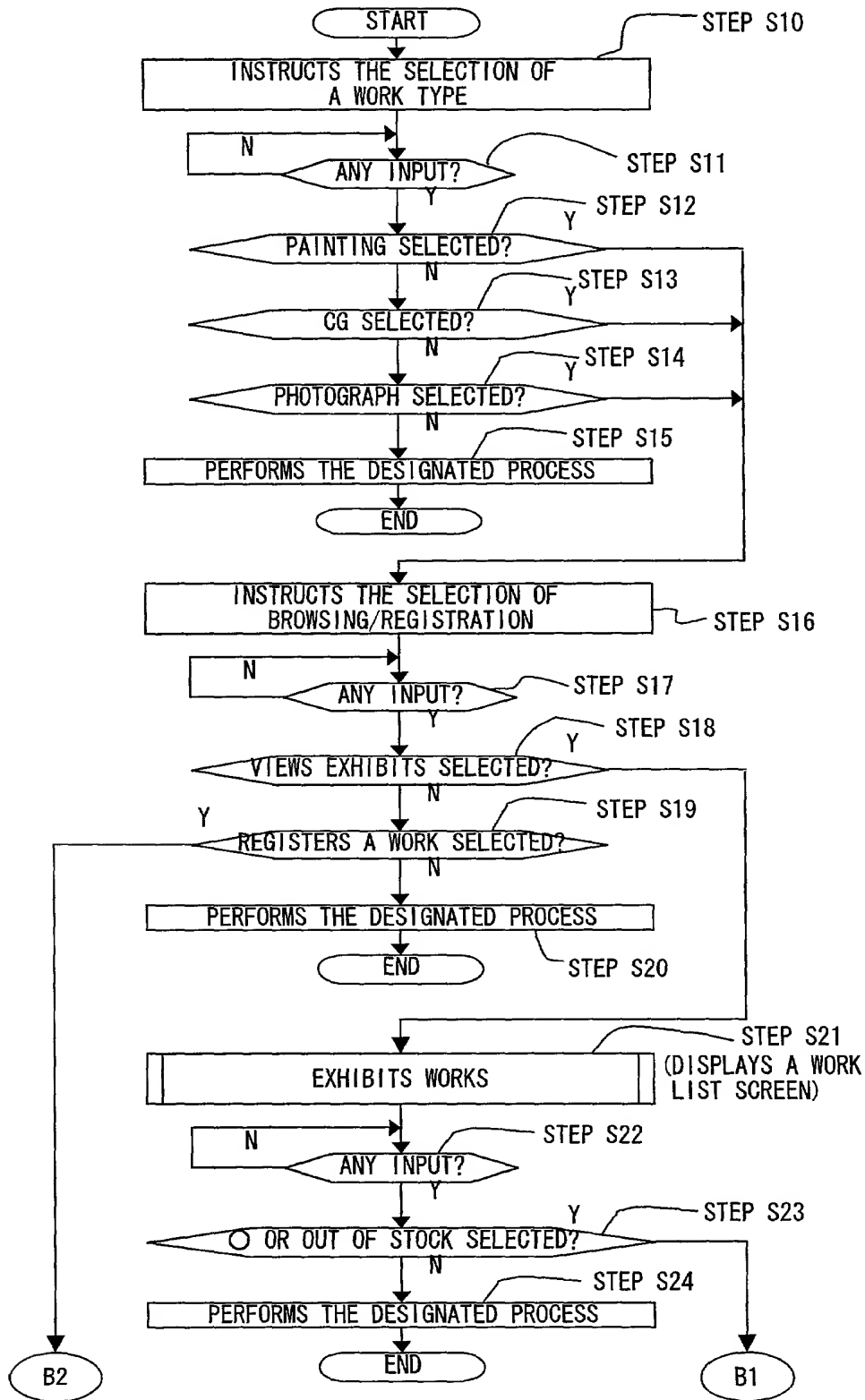


FIG. 11

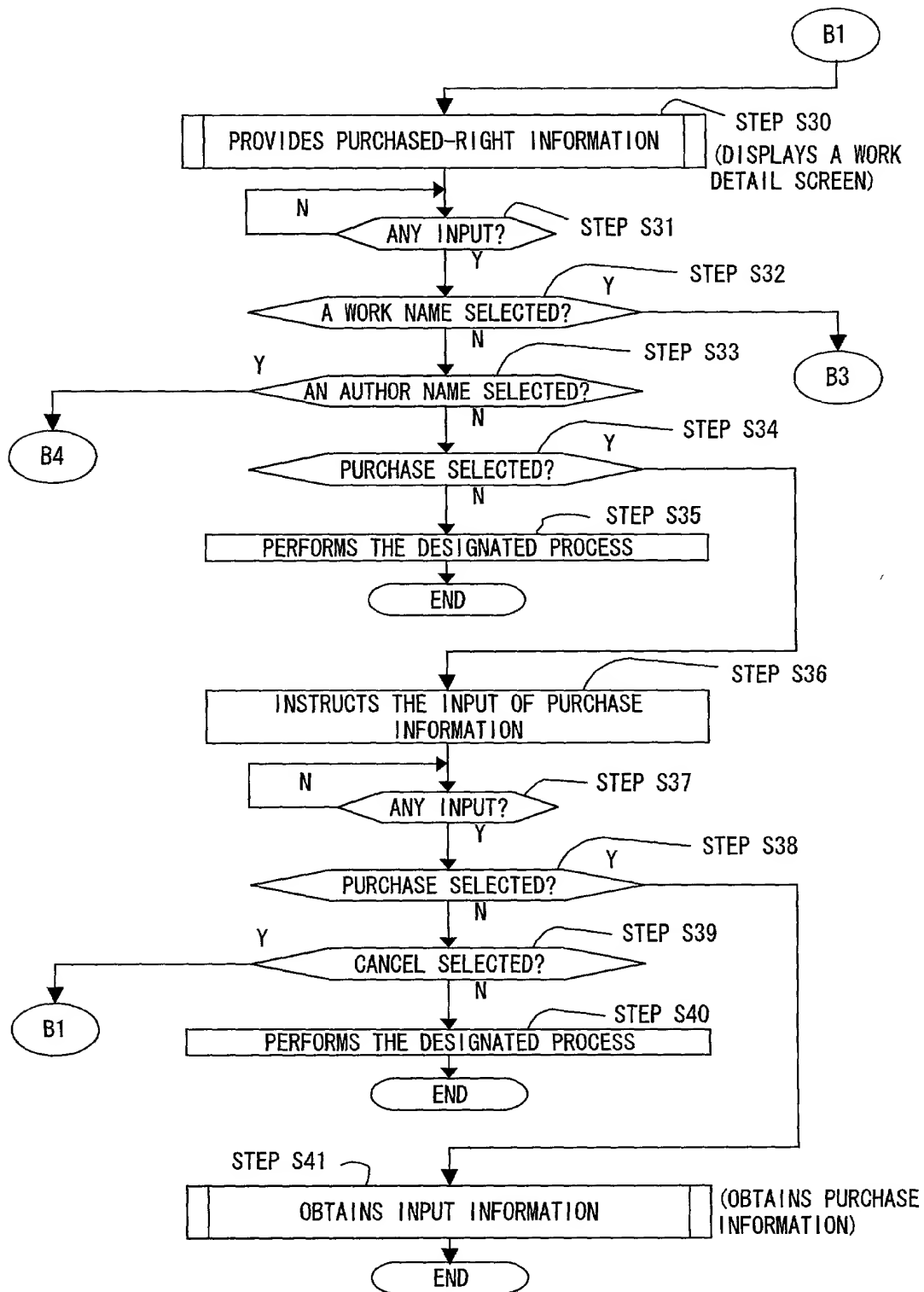


FIG. 12

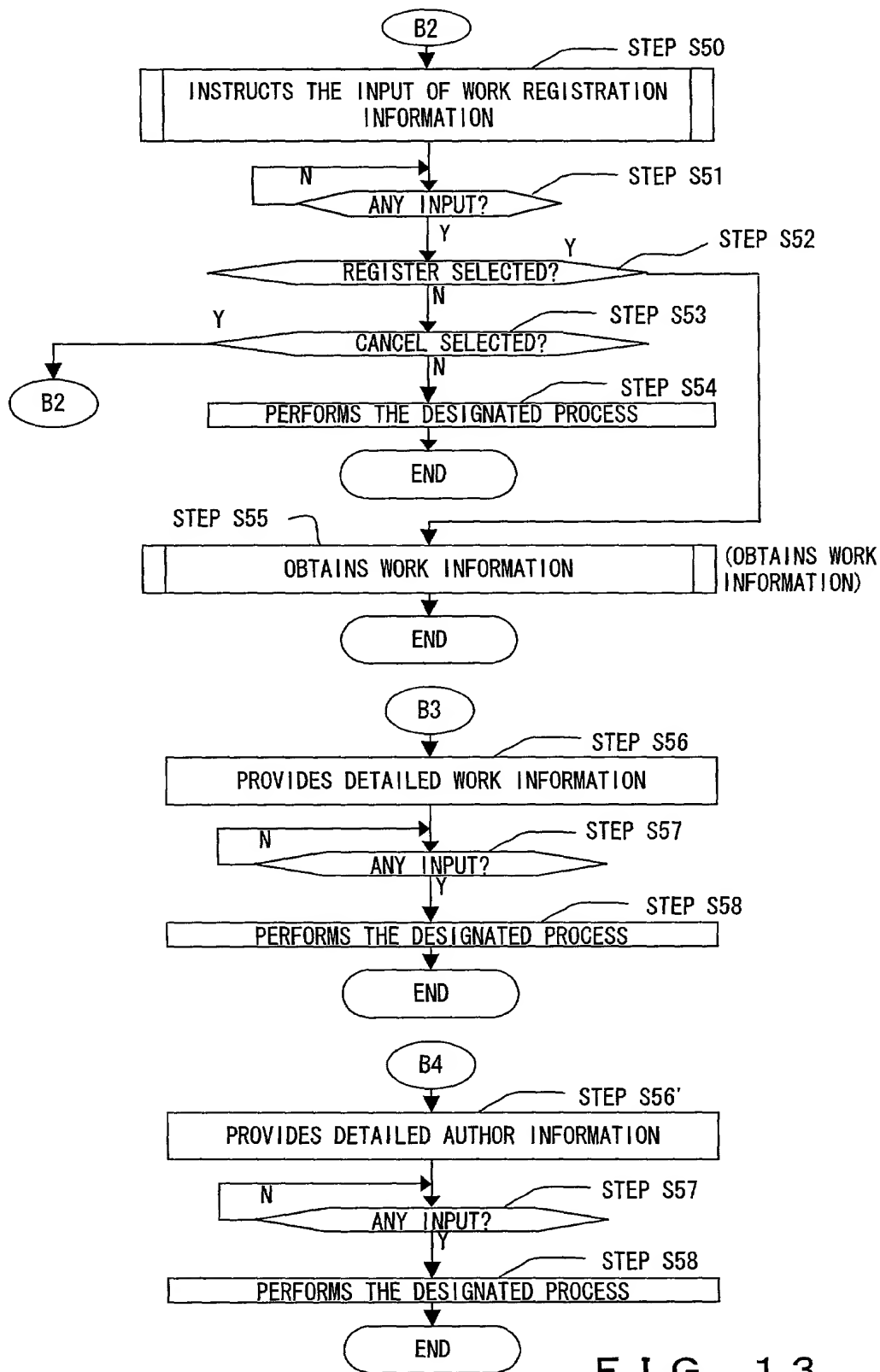


FIG. 13

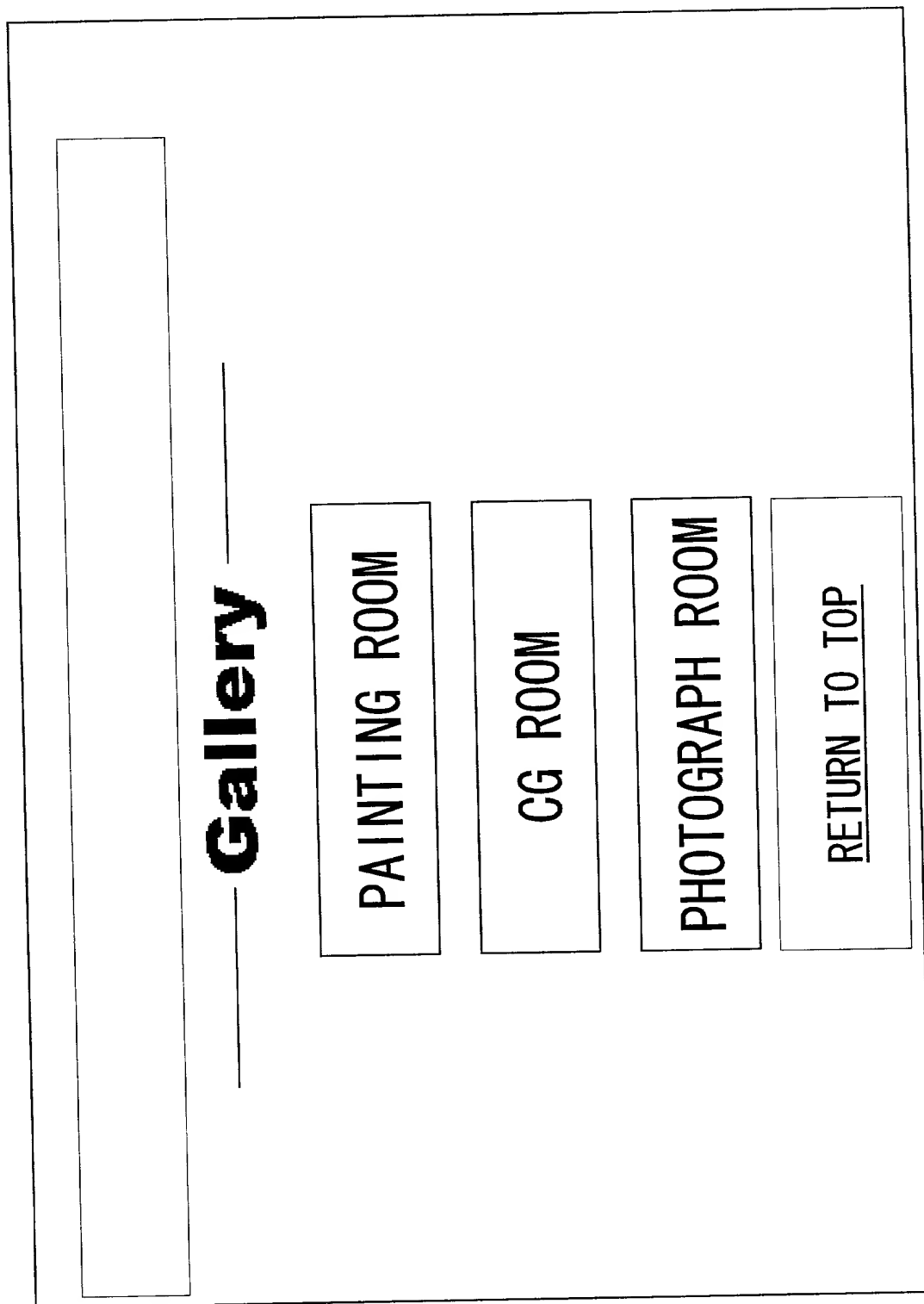


FIG. 14

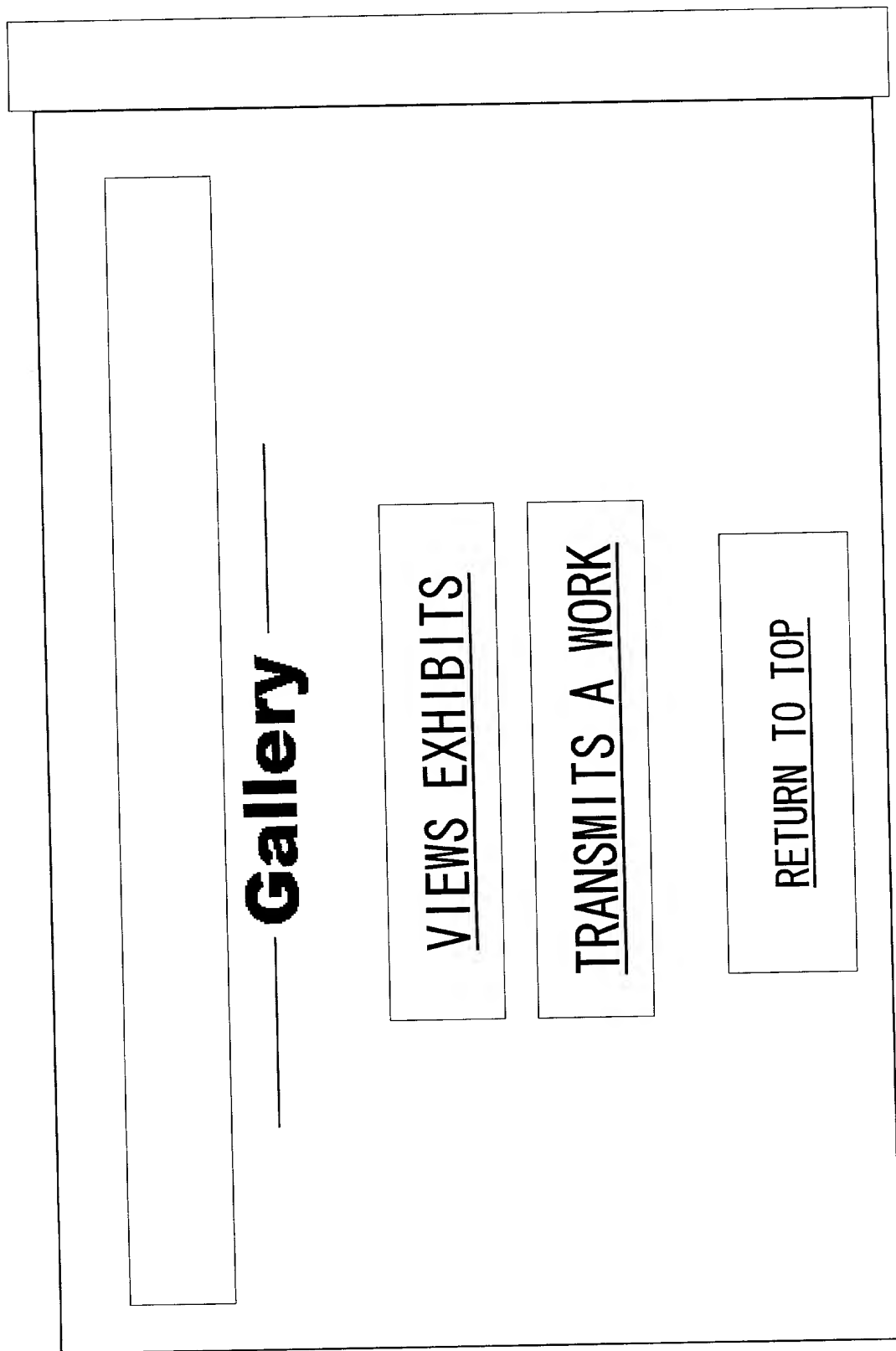







FIG. 15

PAINTING ROOM					
DESCRIPTION OF RIGHTS					
WORK	REPRODUCTION RIGHT	PUBLIC BROADCAST RIGHT	EXHIBITION RIGHT	RENTAL RIGHT	ADAPTATION RIGHT
	○	○	x	x	x
	○	OUT OF STOCK	x	x	x
	○	○	x	x	x
	○	○	○	○	○
	OUT OF STOCK	OUT OF STOCK	x	x	x

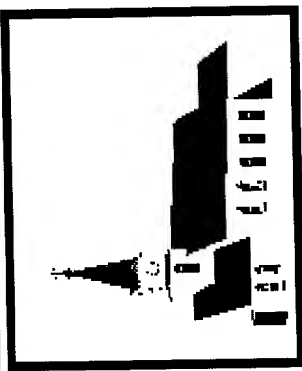
TO NEXT PAGE

FIG. 16

DETAILED WORK
INFORMATION

WORK NAME: CLIP ART

AUTHOR NAME: YUJI DESIGNER



COMMODITY SETTING	
SET AMOUNT	1000 YEN
STOCK	8
EXISTING PURCHASER	
NAME	PURCHASE DATE
TARO FUJITSU	2000/8/1
HANAKO FUJITSU	2000/8/3

PURCHASE

RETURN TO TOP

RETURN TO ROOM

FIG. 17

WORK PURCHASE
SCREEN

NAMEHANAKO AOMORI

ZIP CODE030XXX

ADDRESSAOMORI CITY, AOMORI PREFECTURE

PHONE NO.017-7YY-ZZZZ

e-mail ADDRESSa-hanako@xxx.yyyy

SEX☐ MALE☒ FEMALE

AGE20

OCCUPATIONSTUDENT

PAYMENT METHOD

☐ BANK PAYMENT☒ POST OFFICE PAYMENT☐ CASH ON DELIVERY

PURCHASE

CANCEL

FIG. 18

WORK REGISTRATION SCREEN OF YUJI DESIGNER

WORK REGISTRATION

TRANSMITTING FILE NAME		c:\clip0001		REFERENCE
SALES TARGET	SALES AVAILABLE/UNAVAILABLE	SET AMOUNT	AMOUNT TO BE SOLD	
REPRODUCTION RIGHT	<input checked="" type="radio"/> AVAILABLE <input type="radio"/> UNAVAILABLE			
PUBLIC BROADCAST RIGHT	<input checked="" type="radio"/> AVAILABLE <input type="radio"/> UNAVAILABLE			
EXHIBITION RIGHT	<input type="radio"/> AVAILABLE <input checked="" type="radio"/> UNAVAILABLE			
RENTAL RIGHT	<input type="radio"/> AVAILABLE <input checked="" type="radio"/> UNAVAILABLE			
ADAPTATION RIGHT	<input type="radio"/> AVAILABLE <input checked="" type="radio"/> UNAVAILABLE			

WORK
INTRODUCTION

.....

REGISTER

TO AUTHOR
REGISTRATION SCREEN

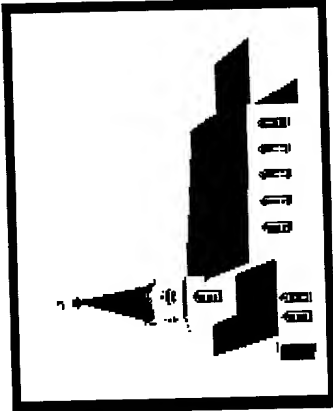
CANCEL

FIG. 19

WORK
INTRODUCTION

WORK NAME: CLIP ART

AUTHOR NAME: YUJI DESIGNER



REGISTERED: 2000/7/20

WORK INTRODUCTION

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.....

.....

.....

.....

RETURN TO TOP

RETURN TO PURCHASE
SCREEN

FIG. 20

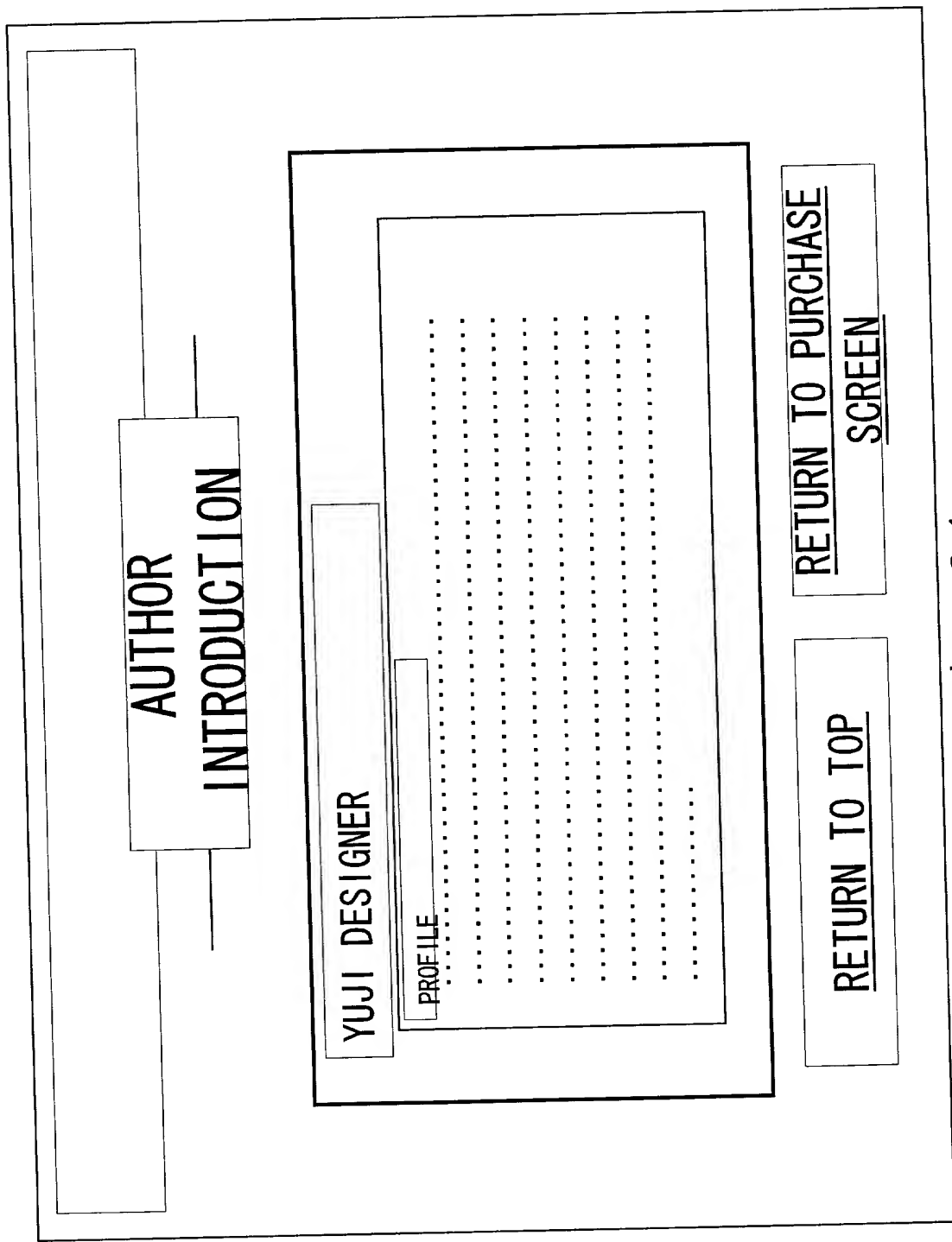







FIG. 21

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graph TD
    START([START]) --> REPEAT_SCREEN_START[REPEATS ONE SCREEN OF PROCESSES (START)]
    REPEAT_SCREEN_START --> STEP_S60[OBTAINS ONE RECORD FROM THE WORK MASTER]
    STEP_S60 --> STEP_S61[SETS THE WORK SAMPLE]
    STEP_S61 --> REPEAT_RIGHTS_START[REPEATS PROCESSES FOR EACH RIGHT FOR A WORK (START)]
    REPEAT_RIGHTS_START --> STEP_S62{SET VOLUME n=0}
    STEP_S62 -- N --> STEP_S66[MARKS THE RELEVANT RIGHT WITH "O"]
    STEP_S62 -- Y --> STEP_S63[MARKS THE RELEVANT RIGHT WITH "x"]
    STEP_S63 --> STEP_S64{STOCK VOLUME n=0}
    STEP_S64 -- N --> STEP_S66
    STEP_S64 -- Y --> STEP_S65[MARKS THE RELEVANT RIGHT WITH "OUT OF STOCK"]
    STEP_S65 --> STEP_S66
    STEP_S66 --> REPEAT_RIGHTS_END[REPEATS PROCESSES FOR EACH RIGHT FOR A WORK (END)]
    REPEAT_RIGHTS_END --> REPEAT_SCREEN_END[REPEATS ONE SCREEN OF PROCESSES (END)]
    REPEAT_SCREEN_END --> END([END])

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FIG. 22

Structure	Yield (%)	mp (°C)	lit. mp (°C)	IR (cm ⁻¹)	¹ H NMR (ppm)	MS (m/z)	Elemental Analysis (%)
	100	115-116	115-116	1100, 1040, 1030, 1010, 1000, 980, 960, 940, 920, 900, 880, 860, 840, 820, 800, 780, 760, 740, 720, 700, 680, 660, 640, 620, 600, 580, 560, 540, 520, 500, 480, 460, 440, 420, 400, 380, 360, 340, 320, 300, 280, 260, 240, 220, 200, 180, 160, 140, 120, 100	3.7 (s, 4H), 3.4 (s, 4H), 3.1 (s, 4H), 2.8 (s, 4H), 2.5 (s, 4H), 2.2 (s, 4H), 1.9 (s, 4H), 1.6 (s, 4H), 1.3 (s, 4H), 1.0 (s, 4H), 0.7 (s, 4H), 0.4 (s, 4H), 0.1 (s, 4H)	151, 135, 119, 103, 87, 71, 55, 39, 23, 7	C 58.1, H 7.8, O 34.1
	100	115-116	115-116	1100, 1040, 1030, 1010, 1000, 980, 960, 940, 920, 900, 880, 860, 840, 820, 800, 780, 760, 740, 720, 700, 680, 660, 640, 620, 600, 580, 560, 540, 520, 500, 480, 460, 440, 420, 400, 380, 360, 340, 320, 300, 280, 260, 240, 220, 200, 180, 160, 140, 120, 100	3.7 (s, 4H), 3.4 (s, 4H), 3.1 (s, 4H), 2.8 (s, 4H), 2.5 (s, 4H), 2.2 (s, 4H), 1.9 (s, 4H), 1.6 (s, 4H), 1.3 (s, 4H), 1.0 (s, 4H), 0.7 (s, 4H), 0.4 (s, 4H), 0.1 (s, 4H)	151, 135, 119, 103, 87, 71, 55, 39, 23, 7	C 58.1, H 7.8, O 34.1
	100	115-116	115-116	1100, 1040, 1030, 1010, 1000, 980, 960, 940, 920, 900, 880, 860, 840, 820, 800, 780, 760, 740, 720, 700, 680, 660, 640, 620, 600, 580, 560, 540, 520, 500, 480, 460, 440, 420, 400, 380, 360, 340, 320, 300, 280, 260, 240, 220, 200, 180, 160, 140, 120, 100	3.7 (s, 4H), 3.4 (s, 4H), 3.1 (s, 4H), 2.8 (s, 4H), 2.5 (s, 4H), 2.2 (s, 4H), 1.9 (s, 4H), 1.6 (s, 4H), 1.3 (s, 4H), 1.0 (s, 4H), 0.7 (s, 4H), 0.4 (s, 4H), 0.1 (s, 4H)	151, 135, 119, 103, 87, 71, 55, 39, 23, 7	C 58.1, H 7.8, O 34.1
	100	115-116	115-116	1100, 1040, 1030, 1010, 1000, 980, 960, 940, 920, 900, 880, 860, 840, 820, 800, 780, 760, 740, 720, 700, 680, 660, 640, 620, 600, 580, 560, 540, 520, 500, 480, 460, 440, 420, 400, 380, 360, 340, 320, 300, 280, 260, 240, 220, 200, 180, 160, 140, 120, 100	3.7 (s, 4H), 3.4 (s, 4H), 3.1 (s, 4H), 2.8 (s, 4H), 2.5 (s, 4H), 2.2 (s, 4H), 1.9 (s, 4H), 1.6 (s, 4H), 1.3 (s, 4H), 1.0 (s, 4H), 0.7 (s, 4H), 0.4 (s, 4H), 0.1 (s, 4H)	151, 135, 119, 103, 87, 71, 55, 39, 23, 7	C 58.1, H 7.8, O 34.1
	100	115-116	115-116	1100, 1040, 1030, 1010, 1000, 980, 960, 940, 920, 900, 880, 860, 840, 820, 800, 780, 760, 740, 720, 700, 680, 660, 640, 620, 600, 580, 560, 540, 520, 500, 480, 460, 440, 420, 400, 380, 360, 340, 320, 300, 280, 260, 240, 220, 200, 180, 160, 140, 120, 100	3.7 (s, 4H), 3.4 (s, 4H), 3.1 (s, 4H), 2.8 (s, 4H), 2.5 (s, 4H), 2.2 (s, 4H), 1.9 (s, 4H), 1.6 (s, 4H), 1.3 (s, 4H), 1.0 (s, 4H), 0.7 (s, 4H), 0.4 (s, 4H), 0.1 (s, 4H)	151, 135, 119, 103, 87, 71, 55, 39, 23, 7	C 58.1, H 7.8, O 34.1

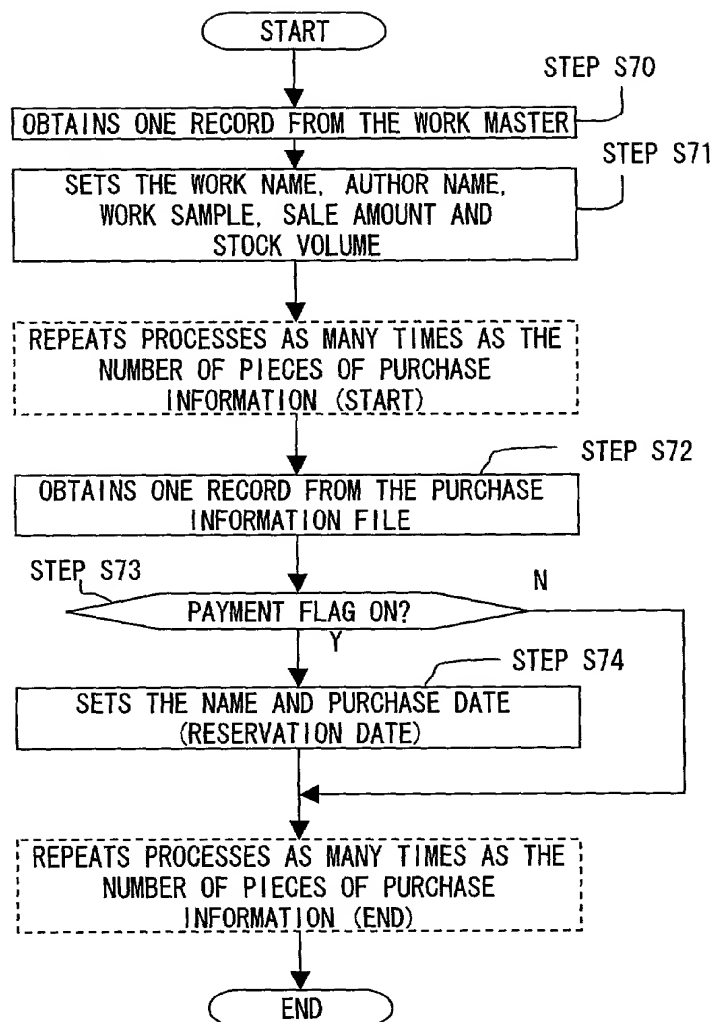


FIG. 23

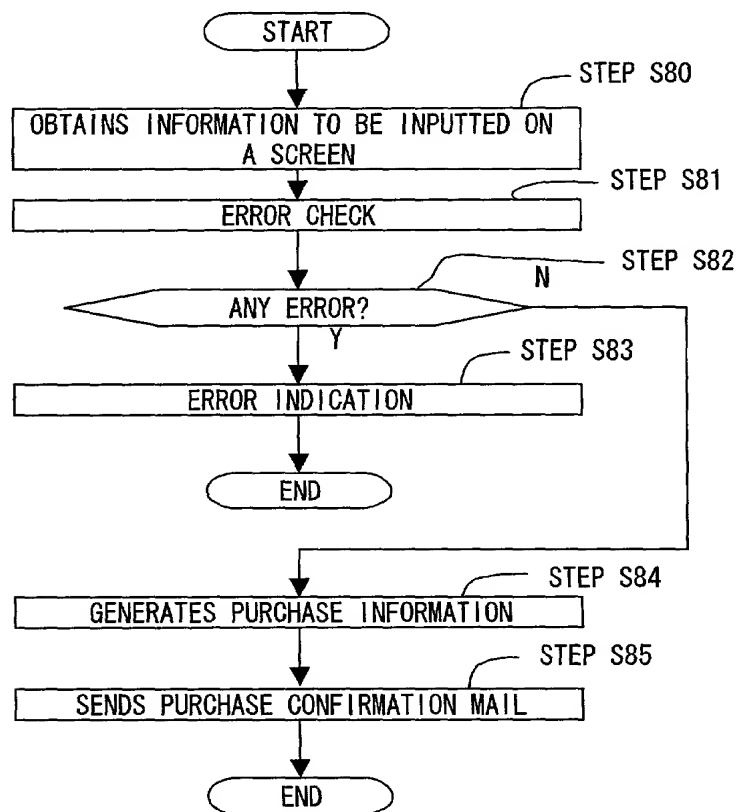


FIG. 24

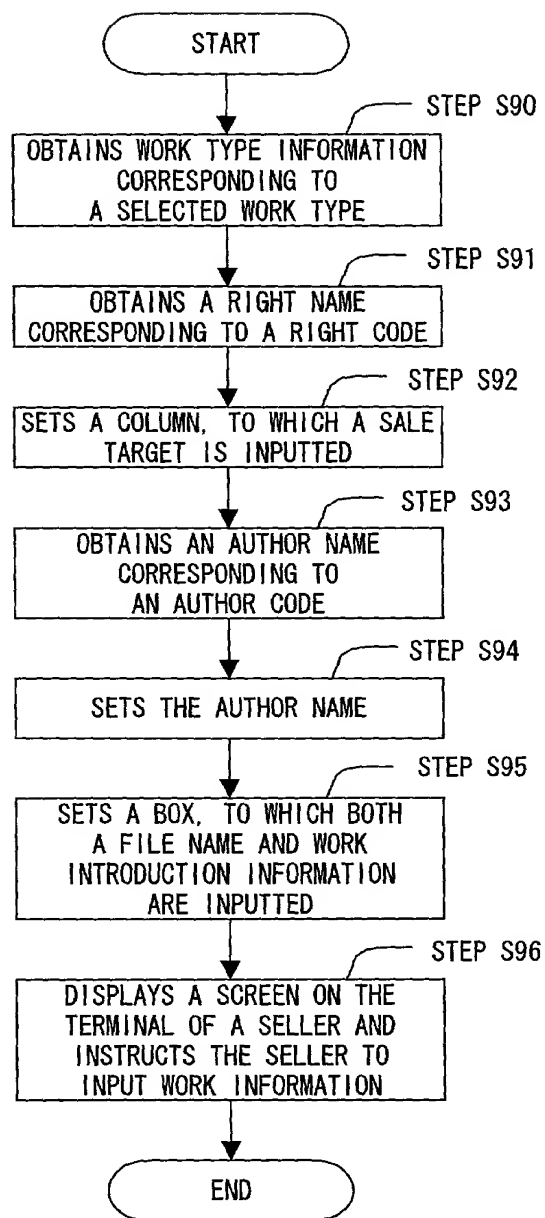


FIG. 25

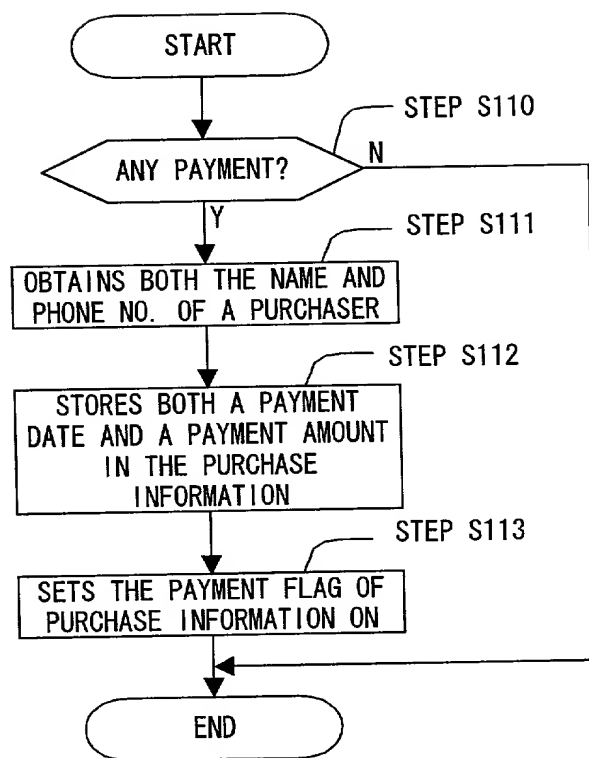


FIG. 27

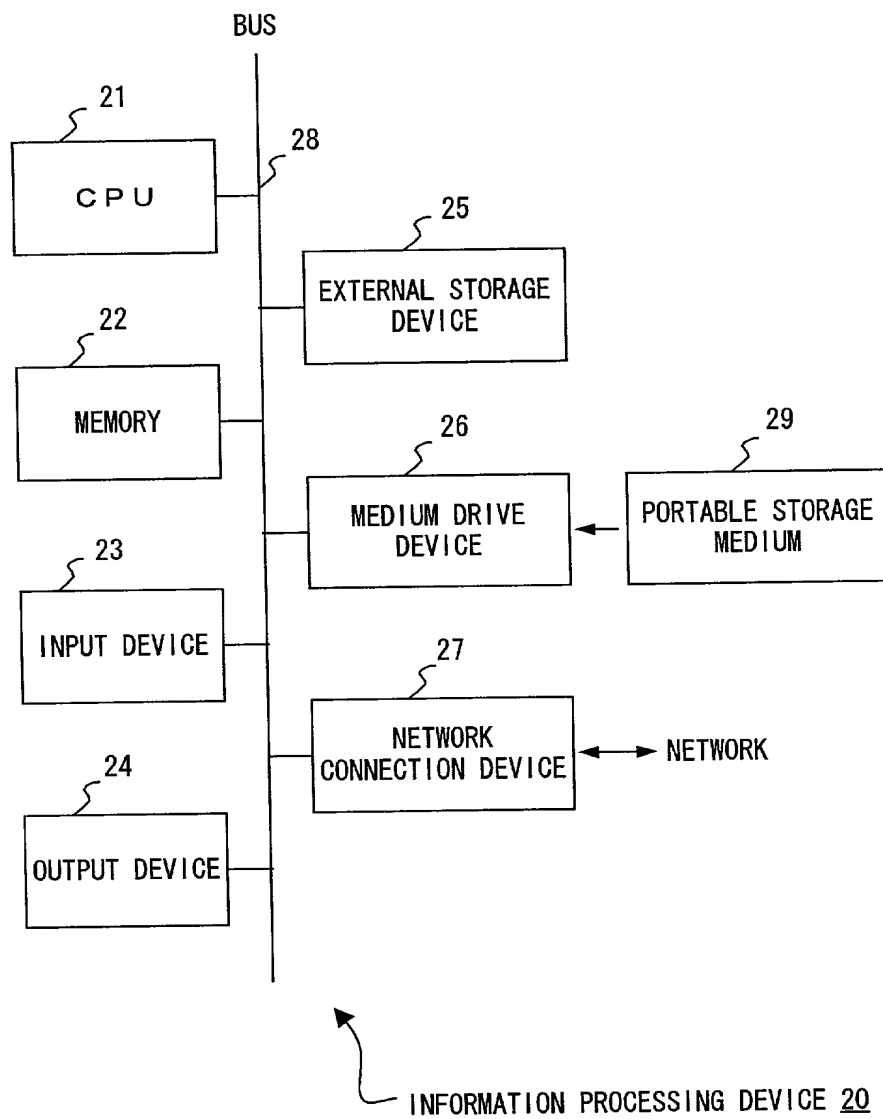


FIG. 28